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L Number	Hits	Search Text	DB	Time stamp
1	19312	collagen and "50" and mg	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:51
7	1177	collagen SAME "50" SAME mg	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:52
13	1	"derivatized collagen" SAME "50" SAME mg	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:53
19	19	"collagen fibers" SAME "50" SAME mg	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:53
25	0	"collagen fibers" SAME "50" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:53
31	0	"collagen fiber" SAME "50" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:53
37	0	"collagen fibrils" SAME "50" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:54
43	28	collagen SAME "50" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 03:17
49	4	"collagen fibers" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 03:20
67	5	optionally and "collagen fibrils" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:29
73	0	"derivatized collagen" and optionally and "collagen fibrils" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 03:27
79	4	"modified collagen" and optionally and "collagen fibrils" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 03:27
61	5	additionally and "collagen fibrils" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:29
55	5	addition and "collagen fibrils" SAME mg and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:33
85	5	addition and "collagen fibrils" SAME "mg/ml" and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:34
91	1	addition and "collagen fibers" SAME "mg/ml" and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:35
97	5	addition and "collagen fibrils" SAME "mg/ml" and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:38

103	47	addition and collagen SAME "mg/ml" and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:38
109	9	addition SAME collagen SAME "mg/ml" and "tissue adhesive"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 05:54
115	2	5767152.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 06:28
121	2	6495127.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 06:28
127	1	6495127.pn. and fibrils	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 06:29
133	1	6495127.pn. and fibers	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 06:31
139	1	6495127.pn. and fibrillar	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 06:35
145	1	6495127.pn. and "mg/ml"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 07:23
151	2	6495127.pn. and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:15
157	2	5767152.pn. and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:19
163	0	5767152.pn. and cyanoacrylate SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:19
169	1	5767152.pn. and cyanoacrylate and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:19
175	1	5767152.pn. and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:20
181	1	5767152.pn. and cyanoacrylate SAME tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 08:20
-	41069	collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/09 02:51
-	190	collagen SAME derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:50
-	20	collagen ADJ derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 14:15

-	0	collagen ADJ derivatized and "SH-" and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:51
-	1	collagen ADJ derivatized and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:59
-	0	collagen SAME "SH-" SAME "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:59
-	90	collagen SAME "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:59
-	18	collagen and "SH-" SAME "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:03
-	0	collagen WITH "SH-" SAME "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 17:59
-	1	collagen.ab. and "SH-" SAME "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	collagen.ti. and "SH-" SAME "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:03
-	0	derivatived.ab. and collagen.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	derivatived and collagen.ab. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	derivatived and collagen.ab. and "SH"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	derivatived and collagen.ab. and SH	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	derivatived and collagen.ab. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	0	derivatived and collagen.ab. and "COO"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:06
-	6	derivatived and collagen.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:08
-	17289	derivatized and defined	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:08
-	14	derivatized NEAR defined	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:14

-	2	4713446.pn. and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:14
-	0	4713446.pn. and collagen and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:14
-	0	4713446.pn. and collagen and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:14
-	2779	"SH-" and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:14
-	115	"SH-" and "COO-" and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:15
-	32	"SH-" and "COO-" and collagen and derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:15
-	31	"SH-" and "COO-" and collagen and derivatized and "functional group"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:16
-	31	"SH-" and "COO-" and collagen and derivatized and "functional group" and composition	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:16
-	0	"SH-" and "COO-" SAME collagen and derivatized and "functional group" and composition	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:16
-	0	"COO-" and "SH-" SAME collagen and derivatized and "functional group" and composition	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:16
-	7	"COO-" and "SH-" and collagen and derivatized and "functional group" and composition and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:20
-	7	"COO-" and "SH-" and collagen and derivatized and "functional group" and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:22
-	0	4713446.pn. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:29
-	0	4713446.pn. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:29
-	0	5104957.pn. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:30
-	0	5104957.pn. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:30
-	0	5219895.pn. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:33

-	0	5219895.pn. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:30
-	0	5476515.pn. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:43
-	0	5476515.pn. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:31
-	2	5631243.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:31
-	0	5631243.pn. and "COO-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:31
-	0	5631243.pn. and "SH-"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:31
-	2	4713446.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:32
-	2	5104957.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:32
-	2	5219895.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:34
-	2	5219895.pn. and "S"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:34
-	0	5219895.pn. and sulfur	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:34
-	0	5219895.pn. and sulfuronating	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:34
-	1	5219895.pn. and sulfonating	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:35
-	2	5476515.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:44
-	2	5631243.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/12 18:45
-	1	6211335.pn.	USPAT; US-PGPUB	2003/04/17 13:37
-	1	5713891.pn.	USPAT; US-PGPUB	2003/03/18 21:22
-	1	5334191.pn.	USPAT; US-PGPUB	2003/03/18 21:22
-	1	5409481.pn.	USPAT; US-PGPUB	2003/03/18 21:24
-	1	6447443.pn.	USPAT; US-PGPUB	2003/03/18 21:25

-	1	6248117.pn.	USPAT;	2003/03/18
-	1	6375672.pn.	US-PGPUB	21:26
-	1	5292362.pn.	USPAT;	2003/03/18
-	1	6391049.pn.	US-PGPUB	21:26
-	0	6391049.pn. and mesh	USPAT;	2003/03/18
-	1	5527356.pn.	US-PGPUB	21:27
-	1	5290272.pn.	USPAT;	2003/03/18
-	1	5540677.pn.	US-PGPUB	21:27
-	1	5725522.pn.	USPAT;	2003/03/18
-	1	5571216.pn.	US-PGPUB	21:27
-	1	5925078.pn.	USPAT;	2003/03/18
-	1	5292253.pn.	US-PGPUB	21:28
-	1	5989244.pn.	USPAT;	2003/03/18
-	1	5290278.pn.	US-PGPUB	21:35
-	1	5300065.pn.	USPAT;	2003/03/18
-	1	5336221.pn.	US-PGPUB	21:37
-	1	5669934.pn.	USPAT;	2003/03/18
-	1	5824015.pn.	US-PGPUB	21:37
-	1	5895412.pn.	USPAT;	2003/03/18
-	1	6350431.pn.	US-PGPUB	21:37
-	1	5360611.pn.	USPAT;	2003/03/18
-	1	5401509.pn.	US-PGPUB	21:40
-	1	5573775.pn.	USPAT;	2003/03/18
-	1	5582835.pn.	US-PGPUB	21:40
-	1	5589185.pn.	USPAT;	2003/03/18
-	1	5665373.pn.	US-PGPUB	21:42
-	1	5209776.pn.	USPAT;	2003/03/18
-	1	5411940.pn.	US-PGPUB	21:51
-	1	6475508.pn.	USPAT;	2003/03/18
-	0	6211335.pn. and patch	US-PGPUB	21:51
-	0	6211335.pn. and adhesive	USPAT;	2003/03/18
-	1	6211335.pn. and tissue	US-PGPUB	21:52
-	1	6211335.pn. and tissue and structure	USPAT;	2003/03/18
-	0	6211335.pn. and tissue and structure and mesh	US-PGPUB	21:52
-	1	6211335.pn. and tissue and structure and wire	USPAT;	2003/03/18
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-			USPAT;	2003/03/18
-			US-PGPUB	21:56
-			USPAT;	2003/03/18
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-			USPAT;	2003/03/18
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-			US-PGPUB	22:00
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-			US-PGPUB	22:01
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-			USPAT;	2003/03/18
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-			USPAT;	2003/04/17
-			US-PGPUB	13:38
-			USPAT;	2003/04/17
-			US-PGPUB	13:39
-			USPAT;	2003/04/17
-			US-PGPUB	13:39
-			USPAT;	2003/04/17
-			US-PGPUB	13:39

-	1	6211335.pn. and wire	USPAT;	2003/04/17
-	12512	collagen.ab.	US-PGPUB	13:39
-	4942	collagen.ti.	USPAT;	2003/04/17
-	6064	collagen and nylon	US-PGPUB;	14:16
-	13275	collagen and gelatin	EPO; JPO;	
-	6064	collagen and nylon	DERWENT	
-	971	collagen and nylon and wire	USPAT;	2003/04/17
-	31	collagen and nylon and wire SAME carbon	US-PGPUB;	14:16
-	21	collagen and nylon and wire SAME carbon	USPAT;	2003/04/17
-	1	collagen and nylon and polyester and	US-PGPUB	14:17
-		polycarbonate and wire SAME carbon SAME	USPAT;	2003/04/17
-		metal	US-PGPUB	14:17
-	1	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	14:17
-		metal and tissue	USPAT;	2003/04/17
-	0	collagen and nylon and polyester and	US-PGPUB	14:17
-		polycarbonate and wire SAME carbon SAME	USPAT;	2003/04/17
-		metal and tissue and patch	US-PGPUB	14:17
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	14:17
-		metal and tissue and solder	USPAT;	2003/04/17
-	0	collagen and nylon and polyester and	US-PGPUB	14:17
-		polycarbonate and wire SAME carbon SAME	USPAT;	2003/04/17
-		metal and tissue and welding	US-PGPUB	14:17
-	10	collagen and nylon and polyester and wire	USPAT;	2003/04/17
-		SAME carbon SAME metal	US-PGPUB	14:30
-	1	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:06
-		metal and wire		
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:07
-		metal and bond and solder		
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:08
-		metal and solder		
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:08
-		metal and weld		
-	1	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:10
-		metal and soldered and welded		
-	1	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:18
-		metal and soldered and welded and fibers		
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:18
-		metal and soldered and welded and fibers		
-		and photoinitiated		
-	1	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:43
-		metal and soldered and welded and fibers		
-		and photo		
-	0	collagen and nylon and polyester and	USPAT;	2003/04/17
-		polycarbonate and wire SAME carbon SAME	US-PGPUB	15:27
-		metal and soldered and welded and fibers		
-		and photo and coaligned		

-	0	collagen and nylon and polyester and polycarbonate and wire SAME carbon SAME metal and soldered and welded and fibers and photo and random	USPAT; US-PGPUB	2003/04/17 15:28
-	0	collagen and nylon and polyester and polycarbonate and wire SAME carbon SAME metal and soldered and welded and fibers and photo and aligned	USPAT; US-PGPUB	2003/04/17 15:28
-	0	collagen and nylon and polyester and polycarbonate and wire SAME carbon SAME metal and soldered and welded and fibers and photo and derivatize	USPAT; US-PGPUB	2003/04/17 15:43
-	0	collagen and nylon and polyester and polycarbonate and wire SAME carbon SAME metal and soldered and welded and fibers and photo and derivatized	USPAT; US-PGPUB	2003/04/17 15:43
-	6	derivatived and collagen.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:05
-	0	derivatived and collagen.ab. and fibers SAME coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:05
-	6	derivatived and collagen.ab. and fibers	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:05
-	0	derivatived and collagen.ab. and fibers SAME aligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:05
-	0	derivatived and collagen.ab. and fibers and patch	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:06
-	0	derivatived and collagen.ab. and fibers and laser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:06
-	0	derivatived and collagen.ab. and fibers and photo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:06
-	0	derivatived ADJ collagen and fibers and photo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:06
-	0	derivatived ADJ collagen and fibers	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:06
-	0	derivatived ADJ collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07
-	7265	collagen and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07
-	175	collagen and adhesive and photo and laser and fiber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07
-	48	collagen and adhesive and photo and laser and fiber and derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07

-	0	collagen.ab. and adhesive and photo and laser and fiber and derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07
-	11	collagen and adhesive and photo and laser and fiber and derivatized SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:07
-	0	collagen and adhesive and photo and laser and fiber SAME aligned and derivatized SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:08
-	11	collagen and adhesive and photo and laser and fiber and derivatized SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:08
-	0	collagen and adhesive and photo and laser and fiber and derivatized SAME collagen and patch	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:08
-	11	collagen and photo and laser and fiber and derivatized SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:08
-	9	collagen and photo and laser and fiber and derivatized SAME collagen and wire	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:09
-	9	collagen and photo and laser and fiber and derivatized SAME collagen and wire and polymer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:10
-	9	collagen and photo and laser and fiber and derivatized SAME collagen and wire	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:13
-	0	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire SAME carbon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:14
-	0	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire SAME metal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:14
-	9	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:14
-	1	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire and nylon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:14
-	1	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire and nylon and polyester	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:15
-	0	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire and nylon and polyester and polycarbon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:15
-	1	collagen and photo and laser and fiber and derivatized SAME collagen and attachment and wire and nylon and polyester	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:15
-	2	6471993.pn. and fiber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:21

-	0	6471993.pn. and polymerize	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:21
-	0	6471993.pn. and polymerized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:21
-	2942	polymerize\$1 and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:21
-	538	polymerize\$1 SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:22
-	471	polymerize\$1 SAME collagen and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:22
-	50	polymerize\$1 ADJ collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:22
-	45	polymerized ADJ collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:23
-	1	polymerized ADJ collagen and fiber\$1 SAME direction	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:38
-	1	polymerized ADJ collagen and fiber\$1 SAME orientation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:39
-	26	polymerized ADJ collagen and fiber\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:04
-	26	polymerize ADJ collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:43
-	0	Shastri.in. and polymerize ADJ collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:44
-	5	Shastri.in. and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:49
-	0	Shastri.in. and collagen and derivatize	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 16:49
-	2	Shastri.in. and collagen and derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:00
-	2	Shastri.in. and collagen and derivatized and wire	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:08
-	0	Shastri.in. and collagen and derivatized and wire SAME carbon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:00

-	0	Shastri.in. and collagen and derivatized and wire SAME metal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:00
-	206497	Shastri.in. and collagen and derivatized and wire nylon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:01
-	2	Shastri.in. and collagen and derivatized and wire and nylon	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:01
-	7	polymerized ADJ collagen and fiber\$1 and tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:05
-	0	polymerized ADJ collagen and fiber\$1 and tissue ADJ adhesive and photo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:05
-	7	polymerized ADJ collagen and fiber\$1 and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:05
-	7	polymerized ADJ collagen and fiber\$1 and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:10
-	5	derivatized ADJ collagen and fiber\$1 and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:11
-	0	derivatized ADJ collagen and fiber\$1 SAME direction and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:11
-	0	derivatized ADJ collagen and fiber\$1 SAME orientation and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:11
-	0	derivatized ADJ collagen and fiber\$1 SAME elongated and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:12
-	5	derivatized ADJ collagen and fiber\$1 and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:09
-	0	derivatized ADJ collagen and fiber\$1 and aligned and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:56
-	0	fiber\$1 and coaligned and tissue ADJ adhesive and light	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:56
-	0	fiber\$1 and coaligned and tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:56
-	59	fiber\$1 and coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:57
-	0	fiber\$1 and coaligned and tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:57

-	2	fiber\$1 and coaligned and tissue and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 17:57
-	12	fiber\$1 and coaligned and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:03
-	1	fiber\$1 and coaligned and direction and orientation and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:02
-	12	fiber\$1 and coaligned and direction and orientation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:04
-	13	fiber\$1 SAME coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:04
-	5	fiber\$1 SAME coaligned and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:06
-	13	fiber\$1 SAME coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:08
-	5	fiber\$1 SAME coaligned and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:08
-	15	derivatized ADJ collagen and fiber\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:09
-	1	derivatized ADJ collagen and fiber\$1 SAME orientation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:10
-	0	derivatized ADJ collagen and fiber\$1 SAME orientation and adhesion	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:10
-	1	derivatized ADJ collagen and fiber\$1 SAME orientation and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:10
-	0	derivatized ADJ collagen and fiber\$1 SAME orientation and tissue and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:11
-	1	derivatized ADJ collagen and fiber\$1 SAME \$2align\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:13
-	1	derivatized ADJ collagen and fiber\$1 SAME direction	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:12
-	0	derivatized ADJ collagen and fiber\$1 SAME coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:14
-	109	derivatized SAME collagen and fiber\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:14

-	0	derivatized SAME collagen and fiber\$1 and coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:15
-	10	derivatized SAME collagen and fiber\$1 and oriented	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:15
-	9	derivatized SAME collagen and fiber\$1 SAME oriented	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:15
-	5	derivatized SAME collagen and fiber\$1 SAME oriented and tissue and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:17
-	5	derivatized SAME collagen and fiber\$1 SAME oriented and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:22
-	9	derivatized SAME collagen and fiber\$1 SAME oriented and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:25
-	27	derivatized SAME collagen and tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:25
-	14	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:25
-	7	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1 and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:26
-	5	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1 SAME strength and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:28
-	0	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1 SAME coaligned	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:29
-	1	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1 and patch	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:38
-	0	derivatized SAME collagen and tissue ADJ adhesive and fiber\$1 and patch and weld	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:38
-	2	derivatized SAME collagen and tissue ADJ adhesive and weld\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:45
-	1	derivatized SAME collagen and tissue ADJ adhesive and weld\$3 and fibers	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:40
-	4	derivatized SAME collagen and adhesive and weld\$3 and fibers	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:40
-	3	derivatized SAME collagen SAME tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:45

-	27	derivatized SAME collagen and tissue ADJ adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:46
-	2	derivatized SAME collagen and tissue ADJ adhesive and weld\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:46
-	2	derivatized SAME collagen and tissue ADJ adhesive and weld\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:46
-	26	derivatized SAME collagen and tissue ADJ adhesive and bond\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:48
-	2	derivatized SAME collagen and tissue ADJ adhesive and bond\$3 and photo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 18:48
-	1	6547806.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:08
-	0	6547806.pn. and "SH"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:08
-	0	6547806.pn. and "S"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:08
-	1	6547806.pn. and tissue	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	0	6547806.pn. and thiol	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	0	6547806.pn. and mercapto	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	0	6547806.pn. and sulfhydryl	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	0	6547806.pn. and derivatized	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	0	6547806.pn. and sulfur	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:09
-	1	6547806.pn. and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:19
-	1	6495127.pn. and derivatize\$1 and "SH"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:19
-	0	6495127.pn. and derivatize\$1 SAME "SH"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:19

-	0	6495127.pn. and derivatize\$1 SAME sulfhydryl	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:20
-	1	6495127.pn. and derivatize\$1 SAME "S"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:20
-	0	6495127.pn. and derivatize\$1 SAME mercapto	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:20
-	1	6495127.pn. and derivatize\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 19:17
-	188	derivatize\$1 SAME collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:27
-	8	derivatize\$1 SAME collagen SAME thiol	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:28
-	0	derivatize\$1 SAME collagen SAME thiol and sealing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:28
-	7	derivatize\$1 SAME collagen SAME thiol and bond	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:30
-	0	derivatize\$1 SAME collagen SAME thiol and weld\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/18 14:30
-	2	6495127.pn. and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 17:44
-	1	6495127.pn. and "fibrous fillers"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 18:02
-	2	6495127.pn. and cyanoacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 18:17
-	1	6495127.pn. and exemplary	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 18:18
-	1	6495127.pn. and fibrous	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 19:00
-	1	6495127.pn. and mesh	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 19:12
-	92	collagen SAME SH-	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 19:12
-	36	collagen SAME SH- and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/20 19:12

Set	Items	Description
S1	56	AU=(SOLTZ B? OR SOLTZ, B?)
S2	464	AU=(DEVORE D? OR DEVORE, D?)
S3	15	AU=(DEVORE B? OR DEVORE, B?)
S4	98	AU=(SOLTZ R? OR SOLTZ, R?)
S5	57	AU=(SOLTZ M? OR SOLTZ, M?)
S6	688	S1:S5
S7	0	S6 AND "DERIVATIZED COLLAGEN"
S8	111	S6 AND COLLAGEN
S9	0	S8 AND DERIVATIZED
S10	0	S8 AND DERIVATIZE
S11	0	S8 AND SH
S12	0	S8 AND COO-
S13	0	S5 AND SH
S14	0	S8 AND SULFHYDRAL
S15	2	S8 AND SULFONYL
S16	0	S15 AND ACYLATED
S17	0	S5 AND COLLAGEN AND ADHESIVE
S18	2	S5 AND COLLAGEN
S19	2	S8 AND ADHESIVE
S20	5454	COLLAGEN AND ADHESIVE
S21	8	S20 AND SH
S22	0	S21 AND COO-
S23	0	S21 AND COO
S24	0	S20 AND SULFONYL
S25	0	S20 AND SULFHYDRAL
S26	1	S20 AND ACYLATED
S27	0	S26 AND S21
S28	16	S20 AND DERIVATIZED
S29	0	S28 AND S21
S30	0	S26 AND S28
S31	1	S28 AND PATCH
S32	0	S28 AND MESH
S33	0	S28 AND WIRE
?		

X Usable P.A.

T S15/3,K/ALL

>>>KWIC option is not available in file(s): 399

15/3,K/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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109176392 CA: 109(20)176392n PATENT

Viscoelastic collagen solution for use in ophthalmic surgery and method of preparation

INVENTOR(AUTHOR): Devore, Dale P.; Scherrer, Robert A.; Scholz, Matthew T.

LOCATION: USA

ASSIGNEE: Minnesota Mining and Mfg. Co.

PATENT: United States ; US 4713446 A DATE: 871215

APPLICATION: US 890847 (860806) *US 773310 (850906)

PAGES: 20 pp. Cont.-in-part of U.S. Ser. No. 773,310, abandoned. CODEN:

USXXAM LANGUAGE: English CLASS: 530356000; A61K-031/78A; A61B-017/00B

15/3,K/2 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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106201790 CA: 106(24)201790p PATENT

Viscoelastic collagen solution for ophthalmic use and method of preparation

INVENTOR(AUTHOR): DeVore, Dale P.; Scherrer, Robert A.; Scholz, Matthew T.

LOCATION: USA

ASSIGNEE: Minnesota Mining and Mfg. Co.

PATENT: European Pat. Appl. ; EP 214853 A2 DATE: 870318

APPLICATION: EP 86306880 (860905) *US 773310 (850906)

PAGES: 61 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C08H-001/06A;

A61L-017/00B DESIGNATED COUNTRIES: DE; FR; GB; IT; SE

?

T S19/3,K/ALL

>>>KWIC option is not available in file(s): 399

19/3,K/1 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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0426899 NTIS Accession Number: PB-227 231/8/XAB

A Study of the Adhesive Mechanisms of Various Species of the Sea Mussel

(Annual rept. Jul 72-Aug 73)

Sherwood, B. E. ; DeVore, D. P. ; Schwartz, W. E.

Battelle Memorial Inst., Columbus, Ohio. Columbus Labs.

Corp. Source Codes: 401817

Report No.: NIH-NIDR-70-2237

15 Oct 73 42p

Journal Announcement: GRAI7407

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A Study of the Adhesive Mechanisms of Various Species of the Sea Mussel

Sherwood, B. E. ; DeVore, D. P. ; Schwartz, W. E.

... indicate that sea mussel cementum is a structural protein exhibiting some of the properties of collagen but differing from it. Evidence implicating collagen as a major fraction of the cementum was not obtained. The salt-soluble fraction of sea mussel adhesive was different from tropocollagen with respect to fiber formation by the action of tyrosinase and amino acid oxidase. Cross links from aldol condensation and Schiff-base condensation as found in collagen which are initiated by amino acid oxidase were not identified. The amino acid cross links...

19/3,K/2 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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117258275 CA: 117(26)258275f PATENT

Collagen-based adhesives and sealants for medical use and methods of preparation thereof

INVENTOR(AUTHOR): Kelman, Charles D.; Devore, Dale P.

LOCATION: USA

ASSIGNEE: Autogenesis Technologies, Inc.

PATENT: PCT International ; WO 9213025 A1 DATE: 920806

APPLICATION: WO 92US704 (920127) *US 646944 (910129)

PAGES: 29 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C08H-001/06A; C08G-002/02B; C08G-002/18B; C08G-004/00B; C08F-002/46B; C09J-189/06B; A61L-025/00B DESIGNATED COUNTRIES: BR; CA; JP DESIGNATED REGIONAL: AT; BE ; CH; DE; DK; ES; FR; GB; GR; IT; LU; MC; NL; SE

?

T S31/3,K/ALL

>>>KWIC option is not available in file(s): 399

31/3,K/1 (Item 1 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci

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01276065 Genuine Article#: GL281 No. References: 35

Title: HEPATOCYTE ADHESION TO CARBOHYDRATE-DERIVATIZED SURFACES .2.

REGULATION OF CYTOSKELETAL ORGANIZATION AND CELL MORPHOLOGY

Author(s): WEISZ OA; SCHNAAR RL

Corporate Source: JOHNS HOPKINS UNIV,SCH MED,DEPT

PHARMACOL/BALTIMORE//MD/21205; JOHNS HOPKINS UNIV,SCH MED,DEPT

NEUROSCI/BALTIMORE//MD/21205

Journal: JOURNAL OF CELL BIOLOGY, 1991, V115, N2, P495-504

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: HEPATOCYTE ADHESION TO CARBOHYDRATE- DERIVATIZED SURFACES .2.

REGULATION OF CYTOSKELETAL ORGANIZATION AND CELL MORPHOLOGY

Abstract: Rat hepatic lectins mediate adhesion of isolated rat hepatocytes to synthetic surfaces derivatized with galactosides. Initial weak adhesion is followed by rapid adhesion strengthening. After hepatocytes contact galactose- derivatized gels, the hepatic lectins move rapidly into an inaccessible patch at the adhesive surface (Weisz, O A., and R. L. Schnaar. 1991. J. Cell Biol. 115:485-493...

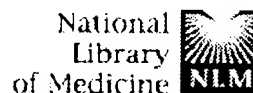
...adhesion strengthening (without reducing weak cell adhesion). Clathrin and actin were readily detected in the adhesive patch by immunofluorescence microscopy.

Rat hepatocytes also adhered avidly to surfaces derivatized with asialofetuin, a high-affinity ligand for the rat hepatic lectins. However, hepatic lectin molecules did not migrate into a patch on the asialofetuin- derivatized surface, suggesting that hepatic lectin-asialofetuin binding may have resulted in the rapid formation of ...

...of additional lectin molecules into the contact site. The cells were unable to increase their adhesive contact area by flattening onto the derivatized surface. Treatment of cells with cytochalasin, however, did result in an increase in the size of the contact area. Cells adhering to surfaces derivatized with an adhesion-promoting peptide (containing an arg-gly-asp sequence) had larger contact areas than those adhering to galactoside- derivatized surfaces. A model is proposed in which carbohydrate-mediated adhesion causes specific reorganization of cytoskeletal...

...Identifiers--ISOLATED RAT HEPATOCYTES; RECEPTOR-MEDIATED ENDOCYTOSIS; EXTRACELLULAR-MATRIX; FIBROBLAST ADHESION; COATED VESICLES; IV COLLAGEN ; FIBRONECTIN; PROTEINS; GLYCOPROTEINS; COLCHICINE

?



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